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until the railroads are built can such commodities be exported at a cost of transport that is not prohibitive.

**Report on the Climate and Weather of Baltimore and Vicinity. By Oliver L. Fassig.** Maryland Weather Service. Special Publication, Vol. II., Part 1b. 4to. Baltimore, 1905. Pp. 148–309.

Part 1a of the new *Report on the Climate and Weather of Baltimore and Vicinity* was reviewed in this BULLETIN for November, 1904, pp. 707–709, and what was said regarding Part 1a of this volume is true also of Part 1b, which has now been issued. This portion completes the Report on the *Climate* of Baltimore. Part II, which is promised for June 1st, or thereabouts, will comprise the Report on the *Weather* of Baltimore, and will also contain the introduction, table of contents, and index of the whole volume.

The present part (1b) deals with humidity, precipitation, sunshine and cloudiness, winds, and electrical phenomena. It also contains, at the end, an historical account of the observations and the instrumental equipment at the Baltimore station of the Weather Bureau. The same completeness of discussion, the same abundance of illustration, numerical and graphic, and the same appreciative attention to details are noted in Part 1b as were pointed out in connection with Part 1a. It is a great satisfaction to find so laborious a piece of work as this, and one which was much needed as a pattern for other studies of like character so thoroughly done. The diagrams that particularly attracted the reviewer's attention were the selected relative humidity charts (Pl. VIII), with their emphasis on the *weather* element; the average hourly wind direction (Pl. XI), the westerly winds being in blue and the easterly in red, and the diagram showing a remarkable abrupt change in direction from westerly to easterly at about noon during all months except those of winter, the prevailing monthly directions of the wind in warm, normal and cold seasons and years (Fig. 76), and a series of plates (XIII to XVII) in which eight selected factors, expressed as departures from the normal climatic conditions at Baltimore, are presented for each season and year from 1871 to 1904.

The second volume of this Report is awaited with interest.

R. DEC. W.

**International Catalogue of Scientific Literature.** Second Annual Issue. F. Meteorology, including Terrestrial Magnetism. 8vo. London, September, 1904. Pp. 296.

The second annual issue of the volume on meteorology of the International Catalogue of Scientific Literature contains the titles for 1902, as well as some for 1901, which were omitted from the first issue. It is a satisfaction to note that the singular omission of all titles in the *Meteorologische Zeitschrift*—the most important meteorological journal in the world—which characterized the first volume of Meteorology, has been made good, the present issue containing the omitted 1901 titles, as well as those for 1902. The same thing is true of the *Sitzungsberichte* and the *Denkschriften* of the Vienna Academy of Sciences. But there are omissions in the case of papers published in the *Monthly Weather Review.* We note with pleasure the indexing under more than one subject-heading of papers which deal with matters which can be classified under different headings. Altogether the second issue is a considerable improvement over the first, and we do not doubt that the improvement will continue in future years.

R. DEC. W.